

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1219	(substrate same (transparent near electrode) same (black near matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:11
L2	22	(substrate same (transparent near electrode) same (black near matrix)) same protrusion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:12
L3	2	(substrate same (transparent near electrode) same (black near matrix)) same protrusion and (chrome)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:14
L4	3	(substrate same (transparent near electrode) same (black near matrix)) same (photosensitive or protrusion) and (chrome)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:14
L5	76	(substrate same (transparent near electrode) same (black near matrix)) same (photosensitive or protrusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:16
L6	47	(substrate same (transparent near electrode) same (black near matrix)) same (photosensitive or protrusion) and ((protrusion or photosensitive) near5 (black near matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:16
L7	13	(substrate same (transparent near electrode) same (black near matrix)) same (photosensitive or protrusion) and ((protrusion or photosensitive) near5 (black near matrix)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:17
L8	11	I7 and ((black near matrix) near10 (transparent near electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:18
L9	13	I7 and ((black near matrix) near10 (transparent))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:18

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L10	151	(black near matrix) near10 electrode near10 (protrusion or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:21
L11	588	(black near matrix) near10 electrode near10 (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:22
L12	83	(black near matrix) near10 (transparent near electrode) near10 (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:23
L13	134	(black near matrix) near10 ((common or transparent) near electrode) near10 filter near10 (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:25
L14	11	((black near matrix) near10 ((common or transparent) near electrode) near10 filter near10 (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:26
L15	11	((black near matrix) near10 ((common or transparent) near electrode) near10 (color near filter) near10 (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:26
L16	43	((black near matrix) near10 ((common or transparent) near electrode) near10 (color near filter) near10 (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:26

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L17	133	((black near matrix) near10 ((common or transparent) near electrode) near10 (color near filter) near10 (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:26
L18	247	((black near matrix) with ((common or transparent) near electrode) with (color near filter) with (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:28
L19	216	(substrate with (black near matrix) with ((common or transparent) near electrode) with (color near filter) with (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:28
L20	16	(substrate with (black near matrix) with ((common or transparent) near electrode) with (color near filter) with (protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:29
L21	16	(substrate with (black near matrix) with ((common or transparent) near electrode) with (color near filter) with (notch or protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:29
L22	71	(substrate with (black near matrix) with ((common or transparent) near electrode) with (color near filter) with (notch or protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:34

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L23	74	(substrate with (black near (resin or matrix)) with ((common or transparent) near electrode) with (color near filter) with (notch or protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:34
L24	214	(substrate same (black near (resin or matrix)) same ((common or transparent) near electrode) same (color near filter) same (notch or protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin)).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:35
L25	765	(substrate same (black near (resin or matrix)) same ((common or transparent) near electrode) same (color near filter) same (notch or protrude or column or extension or extend or extending or extended or protruding or column or protrusion or photosensitive or resin))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:39
L26	9	"6501529"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:41
L27	22	"6067144"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:42
L28	3	"09928349"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:42
L29	3	"09/928349"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:43

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L30	5	"6678031"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:44
L31	22	"6567144"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:44
L32	22	"6067144"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:45
L33	9	"6501529"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:46
L34	57	I28 or I29 or I30 or I31 or I32 or I33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:46
L35	42	I34 and (color near filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:46
L36	34	I34 and (color near filter) and (black near (resin or matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:46
L37	34	I34 and (color near filter) and (black near (resin or matrix)) and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:47
L38	22	I34 and (color near filter) and (black near (resin or matrix)) and electrode and (black near10 electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:52

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L39	483	((transparent adj electrode) or (color near filter)) with (black near (resin or matrix)) with (protrusion or protrude or convex or column or columnar or extension or extend or extending or extended or protrude or protruding or protruded or asterity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:54
L40	70	((transparent adj electrode) or (color near filter)) with (black near (resin or matrix)) with (protrusion or protrude or convex or column or columnar or extension or extend or extending or extended or protrude or protruding or protruded or asterity) with (resin or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:55
L41	47	substrate with ((transparent adj electrode) or (color near filter)) with (black near (resin or matrix)) with (protrusion or protrude or convex or column or columnar or extension or extend or extending or extended or protrude or protruding or protruded or asterity) with (resin or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 18:57
L42	58	substrate with ((transparent adj electrode) or (color near filter)) with (black near (resin or matrix)) with (pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or extend or extending or extended or protrude or protruding or protruded or asterity) with (resin or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:02
L43	92	substrate same ((electrode) or (color near filter)) with (black near (resin or matrix)) with (pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or extend or extending or extended or protrude or protruding or protruded or asterity) with (resin or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:02

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L44	362	substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same (pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or extend or extending or extended or protrude or protruding or protruded or asterity) same (chrome or polymide or resin or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:03
L45	18	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same (pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or extend or extending or extended or protrude or protruding or protruded or asterity) same (chrome or polymide or resin or photosensitive)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:04
L46	4	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same (pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) same (chrome or polymide or resin or photosensitive)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:04
L47	257	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same (pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) same (chrome or polymide or resin or photosensitive))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:09

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L48	155	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same ((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near10 (chrome or polyimide or resin or photosensitive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:09
L49	103	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same ((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near5 (chrome or polyimide or resin or photosensitive)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:16
L50	77	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same ((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near5 (chrome or polyimide or resin or photosensitive))) and ((black near matrix) near10 (protrusion or convex or pillar or column or columnar or notch or wall or columnar or extension))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:17
L51	52	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same ((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near5 (chrome or polyimide or resin or photosensitive))) and ((black near matrix) near5 (protrusion or convex or pillar or column or columnar or notch or wall or columnar or extension))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:17

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L52	12	(substrate same ((electrode) or (color near filter)) same (black near (resin or matrix)) same ((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near5 (chrome or polyimide or resin or photosensitive))) and ((black near matrix) near5 (protrusion or convex or pillar or column or columnar or notch or wall or columnar or extension)) near5 (resin or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:19
L53	13	((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near5 (photosensitive)) and ((black near matrix) near5 (protrusion or convex or pillar or column or columnar or notch or wall or columnar or extension)) near5 (resin or photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:20
L54	5	((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near5 (photosensitive)) and ((black near matrix) near5 (protrusion or convex or pillar or column or columnar or notch or wall or columnar or extension)) near5 (photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:20
L55	6	((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near10 (photosensitive)) and ((black near matrix) near5 (protrusion or convex or pillar or column or columnar or notch or wall or columnar or extension)) near5 (photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:20

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L56	10	((pillar or notch or wall or protrusion or protrude or convex or column or columnar or extension or protrude or protruding or protruded or asterity) near10 (photosensitive)) and ((black near matrix) near10 (protrusion or convex or pillar or column or columnar or notch or wall or columnar or extension)) near5 (photosensitive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:21
L57	22	(black near matrix) near10 (convex or column or columnar or extensio or pillar or notch or protrusion) near10 photosensitive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:25
L58	595	(black near matrix) near10 (convex or column or columnar or extensio or pillar or notch or protrusion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:25
L59	10	(black near matrix) near10 (convex or column or columnar or extension or pillar or notch or protrusion) with (transparent adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:26
L60	164	(black near matrix) near10 (convex or column or columnar or extension or pillar or notch or protrusion) with (electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:26
L72	9	"6501529"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:40
L73	87974	((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusin or wall or columnar or column or extension or notch)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:41
L74	1130	((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusin or wall or columnar or column or extension or notch) and (transparent adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:41

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L75	1081	((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusion or wall or columnar or column or extension or notch) and (transparent adj electrode) and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:42
L76	177	((((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (transparent adj electrode) and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:42
L77	35	((((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (transparent adj electrode).clm. and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:42
L78	34	((((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (transparent adj electrode).clm. and substrate. clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:46
L79	93	((((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and ((pixel or transparent) adj electrode).clm. and substrate.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:46
L80	106	((((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (ito or ((pixel or transparent) adj electrode)). clm. and substrate.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:47
L81	59	((((black near (resin or matrix)) or resin or polymer) near5 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (ito or ((pixel or transparent) adj electrode)). clm. and substrate.clm. and (black adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:50

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L82	116	((((black near (resin or matrix)) or resin or polymer) near10 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (ito or ((pixel or transparent) adj electrode)). clm. and substrate.clm. and (black adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:50
L83	213	((((black near (resin or matrix)) or resin or polymer) near10 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (ito or ((pixel or transparent) adj electrode)) and substrate and (black adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:51
L84	106	((((black near (resin or matrix)) or resin or polymer) near10 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (ito or ((pixel or transparent) adj electrode)) and substrate and (black adj matrix) and ((black near matrix) near5 electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:51
L85	14	((((black near (resin or matrix)) or resin or polymer) near10 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (ito or ((pixel or transparent) adj electrode)) and substrate and (black adj matrix) and ((black near matrix) near5 (transparent near electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:55
L86	106	((((black near (resin or matrix)) or resin or polymer) near10 (pillar or convex or protrusion or wall or columnar or column or extension or notch)).clm. and (ito or ((pixel or transparent) adj electrode)) and substrate and (black adj matrix) and ((black near matrix) near5 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:55
L87	5570	((black near matrix) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:55

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L88	0	((columnar) near2 black near matrix) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:55
L89	1	((columnar or pillar or protrusion) near2 black near matrix) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:55
L90	12	((columnar or pillar or protrusion or notch or extension or wall or partition or convex) near2 black near matrix) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:59
L91	61	((columnar or pillar or protrusion or notch or extension or wall or partition or convex) near5 black near matrix) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:59
L92	73	((columnar or pillar or protrusion or notch or extension or wall or partition or convex) near5 (black near matrix)) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 19:59
L93	5	((columnar or pillar or protrusion or notch or extension or wall or partition or convex) near (black near matrix)) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:00
L94	3	((columnar or pillar or protrusion or notch or extension or wall or partition or convex) adj (black near matrix)) near10 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:00
L95	9	((columnar or pillar or protrusion or notch or extension or wall or partition or convex) adj (black near matrix)) same (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:02
L96	56	((columnar or pillar or protrusion or notch or extension or wall or partition or convex) adj (black near matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:02
L97	67	((column or columnar or pillar or protrusion or notch or extension or wall or partition or convex) adj (black near matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:06

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L98	334	((column or columnar or pillar or protrusion or notch or extension or wall or partition or convex) near2 (black near matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:06
L99	37	((column or columnar or pillar or protrusion or notch or extension or wall or partition or convex) near2 (black near matrix)) near10 electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:06
L100	12	((column or columnar or pillar or protrusion or notch or extension or wall or partition or convex) near2 (black near matrix)) near10 ((transparent or pixel or ito) near electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:10
L101	96	((column or columnar or pillar or protrusion or notch or extension or wall or partition or convex) near2 (black near matrix)) near10 (((transparent or pixel or ito) near electrode) or (color near filter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:14
L102	309	(black adj matrix) near2 (cover or covering or covered) near2 (electrode or (color near filter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:15
L103	35	(black adj matrix) adj (cover or covering or covered) near2 (electrode or (color near filter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:16
L104	38	(black adj matrix) adj (cover or over) near2 (electrode or (color near filter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:17
L105	0	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near2 (cover or over) near2 (electrode or (color near filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:17
L106	6	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near5 (cover or over) near2 (electrode or (color near filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:18

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L107	6	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near5 (cover or over) near5 (electrode or (color near filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:18
L108	6	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near5 (cover or over or top) near5 (electrode or (color near filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:18
L109	6	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near5 (cover or over or top or on) near5 (electrode or (color near filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:18
L110	15	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near5 (cover or over or top or on or overlies or overlap or overlapping) near5 (electrode or (color near filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:18
L111	15	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near5 (covering or covered or cover or over or top or on or overlies or overlap or overlapping) near5 (electrode or (color near filter)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:27
L112	47	((pillar or protrusion or notch or convex or column or columnar or extension) near2 (black adj matrix) near5 ((color adj filter) or electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:30
L113	47081	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:30
L114	2462	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode)) and (black adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:30

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L115	1975	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))) and (black adj matrix) and ((transparent or pixel) adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:30
L116	1587	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))) and (black adj matrix) and ((transparent or pixel) adj electrode) and (color near filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:31
L117	568	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))) and (black adj matrix) and ((transparent or pixel) adj electrode) and (color near filter).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:31
L118	365	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))) and (black adj matrix) and ((transparent or pixel) adj electrode).clm. and (color near filter).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:31
L119	134	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))) and (black adj matrix).clm. and ((transparent or pixel) adj electrode).clm. and (color near filter).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:31
L120	63	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))).clm. and (black adj matrix).clm. and ((transparent or pixel) adj electrode).clm. and (color near filter).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:32
L121	457	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))).clm. and (black adj matrix).clm. and ((transparent or pixel) adj electrode).clm. and (color near filter).clm. ((protrusion or notch or convex or column or columnar or pillar) near5 (black adj matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:33

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L122	31	((pillar or protrusion or notch or convex or column or columnar or extension) near5 ((color adj filter) or electrode))).clm. and (black adj matrix).clm. and ((transparent or pixel) adj electrode).clm. and (color near filter).clm. and ((protrusion or notch or convex or column or columnar or pillar) near5 (black adj matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:36
L123	95	"0014534"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:34
L124	3	"20040014534"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:35
L125	0	"20000014534"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:35
L126	3	"2000014534"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:35
L127	5383086	(pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:37
L128	1456	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near matrix))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:38
L129	1037	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near matrix)) and (((pixel or transparent) adj electrode) or ito)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:38

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L130	1007	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near matrix)) and (((pixel or transparent) adj electrode) or ito) and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:40
L131	820	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near matrix)) and (((pixel or transparent) adj electrode) or ito) and substrate and (color near filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:39
L132	1045	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near (resin or matrix))) and (((pixel or transparent) adj electrode) or ito) and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:40
L133	853	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near (resin or matrix))) and (((pixel or transparent) adj electrode) or ito) and substrate and (color near filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:40
L134	832	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near (resin or matrix))) and (((pixel or transparent) adj electrode) or ito) and substrate and (color near filter) and (lcd or (liquid adj crystal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:41

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L135	832	((pillar or column or columnar or asperity or convex or protrusion or protrude or protrude or extend or extending or extension or extended or wall) near10 (black near (resin or matrix))) and (((pixel or transparent) adj electrode) or ito or izo) and substrate and (color near filter) and (lcd or (liquid adj crystal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/25 20:42
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